

IN THE CLAIMS

Please amend the claims as follows:

Claim 1-22 (Canceled).

Claim 23 (New): A self-cleaning plastics article produced by a process comprising:

- a) applying a siloxane coating (a) to a plastic substrate,
- b) curing the siloxane coating (a) to obtain a cured siloxane coating
- c) increasing the polar component of the surface energy of the cured siloxane coating to a value of at least 10 mN/m to obtain a polar coating
- c) applying a coating (b) comprising photocatalytic TiO_2 particles to the polar coating and
- d) curing the coating (b) to obtain the self-cleaning plastics article.

Claim 24 (New): The plastics article according to claim 23, wherein the plastic substrate comprises at least one polymer selected from the group consisting of cycloolefin copolymers, polyethylene terephthalates, polycarbonates, and poly(meth)acrylates.

Claim 25 (New): The plastics article according to claim 24, wherein the polymer is polymethyl methacrylate.

Claim 26 (New) The plastics article according to claim 23, wherein the plastic substrate has an impact strength of at least 10 kJ/m^2 to ISO 179/1.

Claim 27 (New): The plastics article according to claim 23, wherein the plastic substrate has a thickness in the range from 1 mm to 200 mm.

Claim 28 (New): The plastics article according to claim 23, wherein the siloxane coating comprises at least 80% by weight of alkyltrialkoxysilanes, based on the content of condensable silanes.

Claim 29 (New): The plastics article according to claim 23, wherein the siloxane coating comprises condensable polysiloxanes whose molar mass is in the range from 500 to 1500 g/mol.

Claim 30 (New): The plastics article according to claim 23, wherein the proportion of silicon in the siloxane coating (a) is at least 30% by weight, based on the total weight of the coating.

Claim 31 (New): The plastics article according to claim 23, further comprising lowering the polar component of the surface energy of the siloxane coating (a) by curing to a value smaller than or equal to 6 mN/m, before said increasing the polar component of the surface energy to at least 10 mN/m.

Claim 32 (New): The plastics article according to claim 23, wherein said increasing the polar component of the surface energy of the cured siloxane coating comprises treating with alcoholic potassium hydroxide solution.

Claim 33 (New): The plastics article according to claim 23, wherein the TiO_2 particles have a size in the range from 1 nm to 300 nm.

Claim 34 (New): The plastics article according to claim 23, wherein the coating (b) comprises from 0.01 to 90% by weight of the TiO_2 particles, based on the total weight of the coating (b) after curing.

Claim 35 (New): The plastics article according to claim 23, wherein the layer thickness of the siloxane coating (a) after curing is in the range from 1.5 to 30 μm .

Claim 36 (New): The plastics article according to claim 23, wherein the layer thickness of the coating (b) after curing is in the range from 0.01 to 2 μm .

Claim 37 (New): The plastics article according to claim 23, wherein the layer thickness of the coatings (a) and (b) after curing is in the range from 3 to 15 μm .

Claim 38 (New): The plastics article according to claim 23, wherein the scrub resistance of the plastics article to DIN 53778 is at least 15 000.

Claim 39 (New): The plastics article according to claim 23, wherein the plastics article has a modulus of elasticity to ISO 527-2 of at least 1500 MPa.

Claim 40 (New): The plastics article according to claim 23, wherein the plastics article has a weathering resistance to DIN 53 387 of at least 5000 hours.

Claim 41 (New): The plastics article according to claim 23, wherein the plastics article has a transparency to DIN 5033 of at least 70%.

Claim 42 (New): The plastics article according to claim 23, wherein the plastics article has a yellowness index smaller than or equal to 5 after 5000 hours of UV irradiation.

Claim 43 (New): A process for producing self-cleaning plastics articles as claimed in claim 23, the process comprising:

- a) applying a siloxane coating (a) to a plastic substrate,
- b) curing the siloxane coating (a) to obtain a cured siloxane coating
- c) increasing the polar component of the surface energy of the cured siloxane coating to a value of at least 10 mN/m to obtain a polar coating
- c) applying a coating (b) comprising photocatalytic TiO_2 particles to the polar coating and
- d) curing the coating (b) to obtain the self-cleaning plastics article.